

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

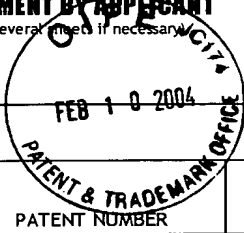
(Use several sheets if necessary)

37 CFR 1.98(b)

APPLICANT  
Shinichi NAOHARA et al.

FILING DATE  
July 28, 2003

GROUP  
2655



**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	US 6,346,951 B1	02/02	Mastronardi			
	AB	5,751,672	05/98	Yankowski			
	AC						
	AD						

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
	AI	A 2000- 268543	09/00	JP			with English abstract
	AJ	A 2001- 101841	04/01	JP			with English abstract
	AK	0 967 604 A1	12/99	EP			
	AL	0 545 446 A1	06/93	EP			
	AM	A 2001- 148154	05/01	JP			with English abstract
	AN						
	AO						
	AP						
	AQ						

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

	AT	
	AU	
	AV	
	AX	
	AY	

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.**